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Attorney's
Docket
Number CRP-008

Declaration and Power of Attorney For Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Product and Process For The Production, Isolation and Purification of Recombinant Polypeptides the specification of which

(check one)

☒ is attached hereto.

☐ was filed on _____ as

Application Serial No. _____

and was amended on _____
(if applicable)

I do not know and do not believe that the subject matter of this application was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an issued inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months prior to the date of this application; that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

complete (d) or (e)

(d) ☒ no such applications have been filed.

(e) ☐ such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	Application Number	Date of Filing (month,day,year)	Priority Claimed Under 37 USC 119	
			<input type="checkbox"/> YES	NO <input type="checkbox"/>
			<input type="checkbox"/> YES	NO <input type="checkbox"/>
			<input type="checkbox"/> YES	NO <input type="checkbox"/>
			<input type="checkbox"/> YES	NO <input type="checkbox"/>
			<input type="checkbox"/> YES	NO <input type="checkbox"/>

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

John A. Lahive	Reg. No. 19,788	Thomas J. Engellenner	Reg. No. 28,711
W. Hugo Liepmann	Reg. No. 20,407	David J. Powsner	Reg. No. 31,868
James E. Cockfield	Reg. No. 19,162	Ellen L. Joy	Reg. No. 32,245
Mark A. Lappin	Reg. No. 26,618	William C. Geary III	Reg. No. 31,359
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Edmund R. Pitcher - 617 - 227-7400

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor

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Inventor's signature

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[Signature]

Date

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87

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[Signature]

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Inventor's signature

✓ PCK

Peter C. Keck ✓

Date

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Full name of eighth inventor

Richard J. Ridge 40800

Inventor's signature

✓ RJR Richard J. Ridge ✓

Date

3/18/87

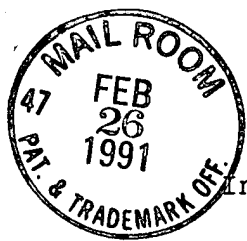
Residence

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Huston et al.

Divisional Application of Serial No. 07/462,297 filed
December 28, 1989

Art Unit 185

For: Product and Process for the Production, Isolation and
Purification of Recombinant Polypeptides

Power of Attorney

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

The assignee of the divisional application for the above-
referenced case hereby appoints the following attorney to
prosecute the present application and transact all business
in the Patent and Trademark Office therewith.

Paul G. Lunn, Esq.

301 Reg. No. 32,743

Respectfully submitted,

Wayne Mayhew
Vice-President
Creative Biomolecules
35 South Street
Hopkinton, MA 01748

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1. 5,013,653, May 7, 1991, Product and process for introduction of a hinge region into a fusion protein to facilitate cleavage; James S. Huston, et al., 435/69.7, 69.1, 71.1, 172.3; 530/350, 412; 536/27 [IMAGE AVAILABLE]

=> s fusion# or hybrid# or chimera?

22930 FUSION#

17966 HYBRID#

264 CHIMER#

L2 39781 FUSION# OR HYBRID# OR CHIMER#

=> s protein# or peptide# or gene# or polypeptide#

34430 PROTEIN#

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P0003

9517 PEPTIDE#

3628 GENE#

3455 POLYPEPTIDE#

L3 40093 PROTEIN# OR PEPTIDE# OR GENE# OR POLYPEPTIDE#

=> s 12(a)13

L4 608 L2(A)L3

=> s 14(p)hinge

59817 HINGE

L5 7 L4(P)HINGE

=> d 1-7

1. 5,013,653, May 7, 1991, Product and process for introduction of a **hinge** region into a **fusion** **protein** to facilitate cleavage; James S. Huston, et al., 435/69.7, 69.1, 71.1, 172.3; 530/350, 412; 536/27 [IMAGE AVAILABLE]

2. 5,011,691, Apr. 30, 1991, Osteogenic devices; Hermann Oppermann, et al., 424/423, 426; 514/2, 21; 530/350, 395, 840 [IMAGE AVAILABLE]

3. 4,833,080, May 23, 1989, Regulation of eucaryotic gene expression; Roger Brent, et al., 435/172.3, 69.9, 91, 255, 317.1, 320.1; 536/27; 935/29, 32, 33, 34, 56, 69

4. 4,638,049, Jan. 20, 1987, Antitumor protein hybrid and process for the preparation thereof; Yasuhiko Masuho, et al., 530/386

5. 4,450,154, May 22, 1984, Antitumor hybrid and process for the preparation thereof; Yasuhiko Masuho, et al., 530/388, 377, 395, 408
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6. 4,357,273, Nov. 2, 1982, Antitumor protein hybrid and process for the preparation thereof; Yasuhiko Masuho, et al., 530/386; 435/172.2; 514/12; 527/203; 530/392, 806, 825; 935/107, 101

7. 4,250,526, Sep. 21, 1982, Antitumor hybrid and process for the preparation thereof; Yasuhiko Masuho, et al., 530/390; 435/172.2; 935/107

=> d 3

8. 4,751,180, Jun. 14, 1988, Expression using fused genes providing for protein product; Lawrence S. Cousens, et al., 435/69.7, 172.2, 189, 255, 256, 320.1; 536/27; 930/310; 935/28, 37, 47, 48, 60, 69

=> log y

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12. 1,743,579, May 10, 1988, Process for producing human epidermal growth factor and analogs thereof; Charles M. Cohen, et al., 530/350, 354; 930/100, 200, 300; 935/47, 48